

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	404468	reactor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 05:30
L2	22	manhole adj nozzle	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 07:02
L3	17743	manhole	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 05:30
L4	354339	partition	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 05:30
L5	72	L3 near5 L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 07:45
L6	255	L3 same L4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 05:30
L7	4	l1 near5 l5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 05:32
L8	87196	("422").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/01/17 06:04
L10	176	l3 and l8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:05
L11	36	l4 and l10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:05
L12	2	L5 and L8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 06:07

## EAST Search History

L13	7956	sampling near5 tube	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:35
L14	2	I13 and I5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 07:02
L15	1	"9859990"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 07:46
L16	3	"9958950"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:30
L17	850566	catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:30
L18	13579	I4 and I17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:30
L19	38	I13 and I18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:30
L20	3	("5747708").URPN.	USPAT	OR	ON	2007/01/17 08:33
L21	181050	jacket\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:35
L22	89	I13 same I21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 08:35
L23	28	I13 near10 I21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:50
L24	1	53-94940	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:52
L25	0	53-094940	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:52

## EAST Search History

L26	2	"5394940"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:54
L27	3	"53094940"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:58
L28	809512	window	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:58
L29	109	I3 same I28	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:58
L30	2673285	gas	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 09:58
L31	8	I29 same I30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:19
L32	690	422/119.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:20
L33	2	I3 and I32	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21
L34	626754	oxidat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21
L35	51	I32 and I34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21
L36	8	I21 and I35	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/01/17 10:21

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS	9	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	10	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	11	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	12	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	13	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	14	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	15	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	16	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	17	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	18	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	19	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	20	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	21	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	22	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS EXPRESS		NOVEMBER 10	CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 06:22:46 ON 17 JAN 2007

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.42	0.42

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 06:23:52 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Jan 2007 VOL 146 ISS 4

FILE LAST UPDATED: 15 Jan 2007 (20070115/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> manhole

	590 MANHOLE
	262 MANHOLES
L1	773 MANHOLE
	(MANHOLE OR MANHOLES)

=> cool?

L2	728342 COOL?
----	--------------

=> heat?

L3	2379144 HEAT?
----	---------------

=> l2 or l3

L4	2780742 L2 OR L3
----	------------------

=> l4 (l)l1

L5	113 L4 (L)L1
----	--------------

=> oxid?

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

The search profile you entered was too complex or gave too many answers. Simplify or subdivide the query and try again. If you have exceeded the answer limit, enter DELETE HISTORY at an arrow prompt (=>) to remove all previous answers sets and begin at L1. Use the SAVE command to store any important profiles or answer sets before using DELETE HISTORY.

=> oxidat?

	637395 OXIDAT?
	762034 OXIDN
	9550 OXIDNS
	764061 OXIDN
	(OXIDN OR OXIDNS)

L6 1059117 OXIDAT?  
(OXIDAT? OR OXIDN)  
75% OF LIMIT FOR TOTAL ANSWERS REACHED

=> l6 and l5

L7 5 L6 AND L5

=> d l7 1-5 ti

L7 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Oxidation reactor, method for producing (meth)acrylic acid or  
the like, and method for analyzing easily polymerizable compound

L7 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Radioactive decontamination of PWR primary coolant circuit surfaces

L7 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Keep coal piles from catching fire

L7 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Annual report of the Explosives Division, fiscal year 1938

L7 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Explosion in a Scrubber at the Stalybridge Gas Works

=> nozzle

63382 NOZZLE

30698 NOZZLES

L8 78449 NOZZLE

(NOZZLE OR NOZZLES)

=> l4(l)l8

L9 18337 L4(L)L8

=> l6(l)l9

L10 560 L6(L)L9

=> logoff hold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.98

16.40

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:29:09 ON 17 JAN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:

\* \* \* \* \* RECONNECTED TO STN INTERNATIONAL \* \* \* \* \*

SESSION RESUMED IN FILE 'CAPLUS' AT 07:31:48 ON 17 JAN 2007

FILE 'CAPLUS' ENTERED AT 07:31:48 ON 17 JAN 2007

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

15.98

16.40

=> d his

(FILE 'HOME' ENTERED AT 06:22:46 ON 17 JAN 2007)

FILE 'CAPLUS' ENTERED AT 06:23:52 ON 17 JAN 2007

L1 773 MANHOLE  
L2 728342 COOL?  
L3 2379144 HEAT?  
L4 2780742 L2 OR L3  
L5 113 L4 (L)L1  
L6 1059117 OXIDAT?  
L7 5 L6 AND L5  
L8 78449 NOZZLE  
L9 18337 L4(L)L8  
L10 560 L6(L)L9

=> insula?

L11 375375 INSULA?

=> l1(l)l11

L12 23 L1(L)L11

=> d l12 10-23 ti

L12 ANSWER 10 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Manhole structure of LCO2 storage tanks with evacuated powder insulation

L12 ANSWER 11 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Manufacture of building and civil engineering material composition

L12 ANSWER 12 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Wastewater treatment equipment and its burial method

L12 ANSWER 13 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Bio-remediation of landfill leachate with remote monitoring and on-site disposal

L12 ANSWER 14 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Globus-M tokamak magnets

L12 ANSWER 15 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Prequalification tests of 345-kV XLPE cable system at IREQ

L12 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Use of a preparation for insulation/sealing and coating purposes and method for sealing manhole covers

L12 ANSWER 17 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Ceramic oxygen sensor

L12 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Ceramic oxygen sensor

L12 ANSWER 19 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Some fire considerations for transportation of self-heating chemicals

L12 ANSWER 20 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI Corrosion protection for a pipe-type cable system

L12 ANSWER 21 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
TI American Society for Testing Materials, Standards, 1955, III. Cement, concrete, ceramics, thermal insulation, road materials, waterproofing, soils

L12 ANSWER 22 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI American Society for Testing Materials, Standards, 1952. III. Cement, concrete, ceramics, thermal insulation, road materials, waterproofing, soils

L12 ANSWER 23 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI American Society for Testing Materials, Standards, 1939. II. Nonmetallic materials, constructional

=> d l12 1-9 ti

L12 ANSWER 1 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Apparatus for electroosmotic removal of rust from metallic surfaces

L12 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Wastewater treatment apparatus for substantially reducing cost for wastewater treatment by heating wastewater contained in a tank having a prescribed volume using steam

L12 ANSWER 3 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Decomposition transport transformer [machine translation]

L12 ANSWER 4 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI The way the thermal insulator to the cupping surface of the heat insulation panel for the cupping surfaces in the heat storage tank and the heat storage tank using them should stick [machine translation]

L12 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Solar-heating methane generating tank, method and devices for producing the same

L12 ANSWER 6 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Heat insulator removal method and plant inside heat insulator filling up method inside plant [Machine Translation].

L12 ANSWER 7 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Apparatus for preventing adhering of marine organism on heat exchanger.

L12 ANSWER 8 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Purification tank. [Machine Translation].

L12 ANSWER 9 OF 23 CAPLUS COPYRIGHT 2007 ACS on STN  
 TI Method and device for producing a polymer-sand work piece

=> logoff hold  
 COST IN U.S. DOLLARS  
 FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
27.69	28.11

SESSION WILL BE HELD FOR 120 MINUTES  
 STN INTERNATIONAL SESSION SUSPENDED AT 07:34:28 ON 17 JAN 2007

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:  
 TERMINAL (ENTER 1, 2, 3, OR ?):2



\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 OCT 23 The Derwent World Patents Index suite of databases on STN  
has been enhanced and reloaded  
NEWS 4 OCT 30 CHEMLIST enhanced with new search and display field  
NEWS 5 NOV 03 JAPIO enhanced with IPC 8 features and functionality  
NEWS 6 NOV 10 CA/CAPLUS F-Term thesaurus enhanced  
NEWS 7 NOV 10 STN Express with Discover! free maintenance release Version  
8.01c now available  
NEWS 8 NOV 20 CAS Registry Number crossover limit increased to 300,000 in  
additional databases  
NEWS 9 NOV 20 CA/CAPLUS to MARPAT accession number crossover limit increased  
to 50,000  
NEWS 10 DEC 01 CAS REGISTRY updated with new ambiguity codes  
NEWS 11 DEC 11 CAS REGISTRY chemical nomenclature enhanced  
NEWS 12 DEC 14 WPIDS/WPINDEX/WPIX manual codes updated  
NEWS 13 DEC 14 GBFULL and FRFULL enhanced with IPC 8 features and  
functionality  
NEWS 14 DEC 18 CA/CAPLUS pre-1967 chemical substance index entries enhanced  
with preparation role  
NEWS 15 DEC 18 CA/CAPLUS patent kind codes updated  
NEWS 16 DEC 18 MARPAT to CA/CAPLUS accession number crossover limit increased  
to 50,000  
NEWS 17 DEC 18 MEDLINE updated in preparation for 2007 reload  
NEWS 18 DEC 27 CA/CAPLUS enhanced with more pre-1907 records  
NEWS 19 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals  
NEWS 20 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded  
NEWS 21 JAN 16 IPC version 2007.01 thesaurus available on STN  
NEWS 22 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data  
  
NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available

Enter NEWS followed by the item number or name to see news on that  
specific topic.

All use of STN is subject to the provisions of the STN Customer  
agreement. Please note that this agreement limits use to scientific  
research. Use for software development or design or implementation  
of commercial gateways or other similar uses is prohibited and may  
result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 09:54:40 ON 17 JAN 2007

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 09:54:59 ON 17 JAN 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 17 Jan 2007 VOL 146 ISS 4  
FILE LAST UPDATED: 16 Jan 2007 (20070116/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> JP5394940/pn  
L1 0 JP5394940/PN

=> JP53-94940/pn  
L2 0 JP53-94940/PN  
(JP53094940/PN)

=> JP 53-94940/pn  
L3 0 JP 53-94940/PN  
(JP53094940/PN)

=> logoff hold  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
7.91	8.12

SESSION WILL BE HELD FOR 120 MINUTES  
STN INTERNATIONAL SESSION SUSPENDED AT 09:57:18 ON 17 JAN 2007